

COMM-TEC ProPLAY HD

High Definition
Audio / Video Player

User Manual

Version 1.2



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1. General

1.1 Introduction

The ProPLAY HD is a digital media player that plays HD WMV9 and WMA from CF memory card without a computer. Easily control the unit by using the external play buttons.

The ProPLAY HD supports High Definition movie hardware decode acceleration, presents for you the smoother and clearer picture, it supports high resolution video output such as 1080P / 1080i / 720P for movie theater quality video on a big screen. By connecting to Video, S-Video, Y.Pb.Pr, VGA (resolution up to 1360 x 768), HDMI (1920 x 1080P) and Audio, you can play picture, movie and music on any display device.

1.2 Scope of Delivery

- ProPLAY HD
- Remote Control
- Audio Cable
- Y.Pb.Pr Cable
- S-Video Cable
- HDMI Cable
- Power Supply



ProPLAY HD



Remote Control



Audio Cable



Y.Pb.Pr Cable



S-Video Cable

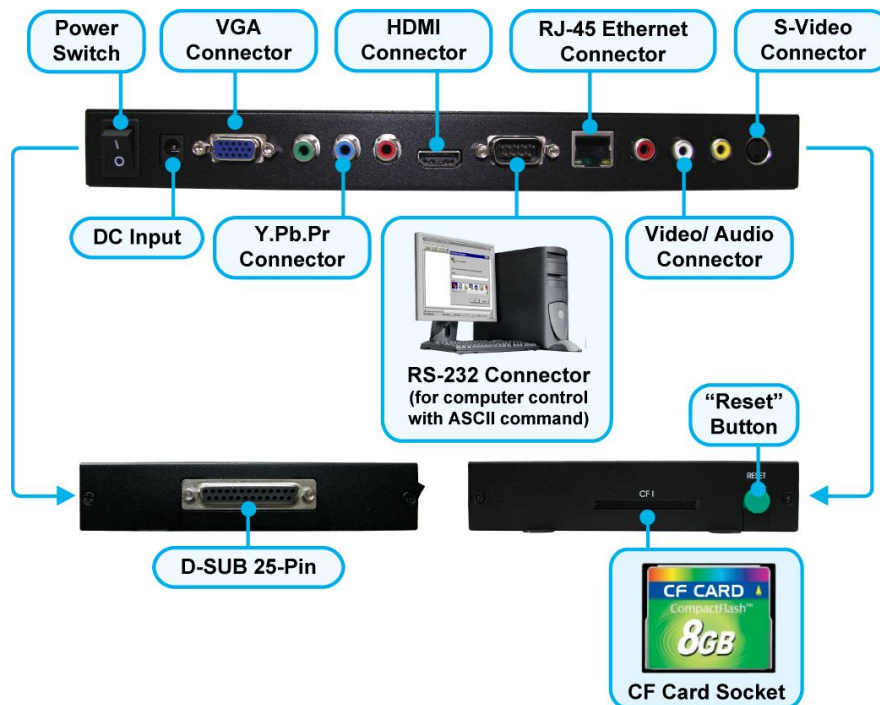


**Power Adapter
(DC 12V, 1.5A)**

1.3 Features

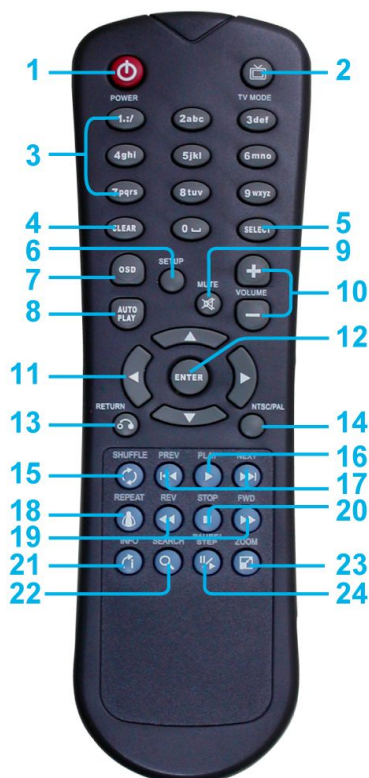
- Supports multiple file formats: HD WMV9 and WMA.
- Supports Video, S-Video, Y.Pb.Pr, HDMI, VGA and Audio output.
- HD Y.Pb.Pr output supports resolution:
 - NTSC Mode(60Hz): 480P/ 720P/ 1080i.
 - PAL Mode(50Hz): 576P/ 720P/ 1080i.
- HDMI Output: 480P/ 720P/ 1080i/ 1080P.
- VGA output supports resolution: 640x480/ 800x600/ 1024x768/ 1280x1024/ 1360x768.
- Supports RS-232 port for computer control with ASCII command (play, stop, pause...etc).
- Connect using an Ethernet network cable at up to 100Mbps.
- **D-SUB 25-Pin: Easily control the ProPLAY HD by using the external play buttons.**
- The source of HD WMV9 MP@HL (Main Profile / High Level) supports resolution up to 1920x1080 (1080P) and the maximum bit rate is 12Mbps.
- Supports CF memory cards. (Suggest using the high speed (150X) CF card)
- **Supports HTTP command function.**
- **Supports Auto Key Lock function.**
- **Exports the Configuration Value:** You can export the configuration value to the CF card. The configuration can be modified on your PC, and can be applied to the ProPLAY HD or others.
- **Compatible with Windows Media Player 11:** Play media files stored in a network computer.
- **Supports FTP Auto Download Function:** Connect to Remote FTP server and download data to the CF card automatically.
- **Supports Download Pause / Resume Function:** Continue unfinished downloads upon next session.
- Embedded FTP Server.
- Supports NTP Network (G..M.T) Timer.
- Supports Universal Plug and Play (UPnP) and DHCP.
- **Supports SLIDE SHOW Function (interval time with 10/ 15/ 30/ 60 seconds).**

2. Hardware



- **Power Switch:** Toggle between main power on & off.
- **DC Input:** For the power adapter. (DC 12V / 1.5A)
- **VGA Connector:** Connects to devices that support VGA input. (LCD projector)
- **Y.Pb.Pr Connector:** Connects to devices that support Y.Pb.Pr input. (HDTV projector)
- **HDMI Connector:** Connects to devices that support HDMI input.
- **RS-232 Connector:** Used for computer control with ASCII command.
- **RJ-45 Ethernet Connector:** Connects to router or PC by RJ-45 Cable.
- **Audio Connector:** Connects to sound input. (HDTV with amplified speaker)
- **Video Connector:** Connects to devices that support Video input. (HDTV projector)
- **S-Video Connector:** Connects to devices that support S-Video input. (HDTV projector)
- **D-SUB 25-Pin:** Connects to play buttons.
- **CF Card Socket:** For CF memory card.
- **"RESET" Button:** To restart the ProPLAY HD.

2.1 Remote Control



- 1 Power on/ off
- 2 Select the output mode
- 3 Numeric Key
- 4 Delete last entry
- 5 Select a function or to play the selected file
- 6 Open the setup menu Mute sound
- 7 OSD display function on/ off
- 8 Auto-play function on/ off
- 9 Mute sound
- 10 Volume up/ down
- 11 Move the cursor
- 12 Confirm the selection/ entry
- 13 Go back one layer
- 14 Select the TV type (NTSC/ PAL)
- 15 Shuffle on & off
- 16 Play the file selected
- 17 View the previous/ next file
Play the previous/ next file if in playback
- 18 Select the repeat mode
- 19 Rewind/ forward movie or music files
- 20 Stop playback
- 21 Show the information of the file selected
- 22 Search video (movie) timeframe
- 23 Zoom in/ out on the movie or picture
- 24 Pause the playback or play frame by frame

2.1.1 Entering Text or IP Address

- Keys need to be pressed multiple times to enter the letter corresponding to that key.
For Example: To enter the letter "a". you would press the "2" button twice.
- **Enter The IP Address**
For Example: To enter the IP address "192.168.100.100",.
Step 1: Press "1" once, then "1" is displayed, and the color of "1" is orange.
Step 2: When the color of "1" turns white, press "9" once, then "9" is displayed.
Step 3: Repeat steps 1 and 2 to enter and complete the IP address.

3. Getting started

■ Power On

- Insert the CF memory card that has Picture, Music, Movie or WMV9 files.
- Press the “POWER” button to power on the ProPLAY HD, then press the “TV MODE” button to select the output mode.

■ Status After Power On

- Status 1: If the “AUTOPLAY (Movie or Picture)” function is enabled and there are movie or picture files in the CF card, the ProPLAY HD will auto play movie or picture files on the CF card after power on.
- Status 2: If the “AUTOPLAY” function is disabled, after power on the main menu will appear as shown in the following figure. There are two groups in the main menu (“/mnt/CF” and “SETUP”).



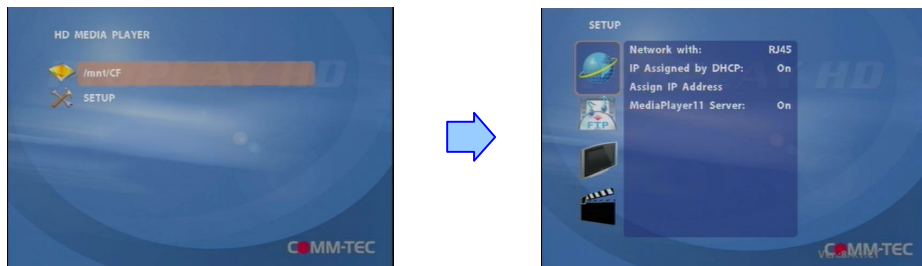
NOTE: The pop-up window that shows the IP address will appear later, if DHCP mode is selected when the ProPLAY HD is turned on.



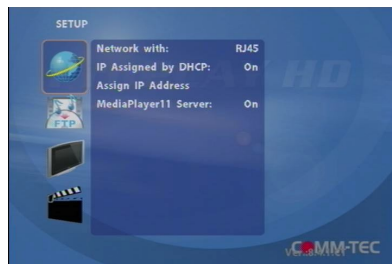
- Power Off: Press the “POWER” button again to power off.

4. Setup

- In the main menu, please using the “▼” button on remote control to select the “**SETUP**” item, then press the “ENTER” button. You will be presented with the ProPLAY HD settings screen.
- You can also press the “**SETUP**” button on remote control to directly open the settings screen. (If there is file that is being play, please stop first.)
- **There are four groups of sub-menu in the main menu (“Network Setup”, “FTP Setup”, “Video Setup” and “Other Setup”).**
- In the settings screen, you can use the “▲▼◀▶▲▼” buttons to select an item, and press the “ENTER” button to confirm the selection.
- Press the “SETUP” button on remote control to save and quit the settings screen.



4.1 Network Setup



- **Network with:** Select your network connection Disable/ RJ45.
- **IP Assigned by DHCP:** If you have a DHCP-enabled router, please select “On”, then the router will automatically assigns an IP address to the ProPLAY HD. If you don’t have a DHCP –enabled router, select “Off” and type the network information in “Assign IP Address”.
- **Assign IP Address:** If the ProPLAY HD is connected to a network without a DHCP server or you want to use Local FTP Server function, enter the fixed IP address, Mask, Gateway and DNS for the ProPLAY HD.

PS. Refer to 5.1 for how to enter IP address by remote control.

NOTE: Before setting the IP address, Mask, Gateway and DNS, check the network information of your PC. Please follow the steps below to get the network information of your PC.

Step 1: Click on “Start” → “Run” and type in “command”, then press “ENTER”.

The MS-DOS window will appear, type in “ipconfig” and then press “ENTER” to get the network information.

```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.
C:\Documents and Settings\br-j>ipconfig

Windows IP Configuration

Ethernet adapter Wireless Network Connection:

    Connection-specific DNS Suffix  . : 
    IP Address. . . . . : 192.168.2.176
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.2.254

Ethernet adapter Local Area Connection:

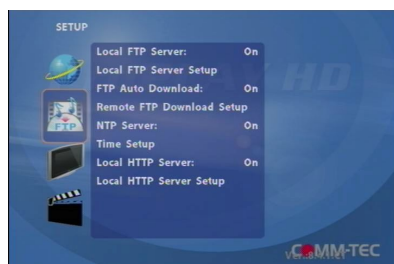
    Media State . . . . . : Media disconnected
C:\Documents and Settings\br-j>
```

Step 2: Assign IP Address, Mask (Subnet Mask) and Gateway (Default Gateway) for the ProPLAY HD.

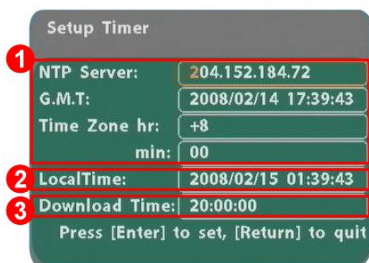
Enter the same values of the Subnet Mask and Gateway, and be careful not to enter the values of IP address that are already used by other devices on the network.

- **Media Player 11 Server:** Enable/ disable the Media Player 11 server.

4.2 FTP Setup



- **Local FTP Server:** Turn on/ off the ProPLAY HD server.
(If you use the ProPLAY HD server, please disable the DHCP function and input a fixed IP address, Mask, Gateway and DNS of the ProPLAY HD)
- **Local FTP Server Setup:** Set the “Port”, “User ID” and “Password” of the ProPLAY HD
(The Default Port: 21, User ID: root, Password: admin)
- **FTP Auto Download:** Enable/ Disable the FTP auto download function.
- **Remote FTP Download Setup**
 - **Server IP:** Enter the domain name or IP address of the FTP as was given to you by your Web hosting provider.
 - **Port:** The default port for FTP is 21. In most cases you should not change this number. If the FTP site uses a port other than 21, you should enter the correct port.
 - **User ID:** Enter the user name of the Remote FTP server.
 - **Password:** Enter the Password of the Remote FTP server.
 - **FTP Path:** Enter the folder path that you want to share.
- **NTP Server:** Enable/ Disable the NTP server function. (if the ProPLAY HD isn't connect to internet, please disable the NTP Server function)
- **Time Setup:** Set the **NTP Server**, **Local Time** and **Auto Download Time** here.



NTP Server (the ProPLAY HD must be already connected to the network)

- NTP Server: Enter the NTP server IP address like: 204.152.184.72.
- G.M.T: After get the time from NTP server, it will update the G.M.T field.
- Time Zone: Use the **Volume +**, **-** and **Numeric Key** to set the time zone of your location. (time zone must be set properly for the **Auto-Download** and **Schedule** functions)

NOTE: GMT and applied regions

Time Zone	Region
(GMT-12:00)	Eniwetok, Quazalen
(GMT-11:00)	Midway, Ireland, Samoa
(GMT-10:00)	Hawaii
(GMT-09:00)	Alaska
(GMT-08:00)	Pacific GMT (U.S. & Canada); Tijuana
(GMT-07:00)	Continental GMT (U.S. & Canada)
(GMT-07:00)	Arizona
(GMT-06:00)	Mexico city
(GMT-06:00)	Saskatchewan
(GMT-06:00)	Eastern Coast GMT (U.S. & Canada)
(GMT-06:00)	Indiana (Eastern Coast)
(GMT-04:00)	Atlantic GMT (Canada)
(GMT-04:00)	Santiago
(GMT-04:00)	Caracas, La Paz
(GMT-04:00)	Newfoundland
(GMT-03:00)	Greenland
(GMT-03:00)	Buenos Aires, Georgetown
(GMT-03:00)	Brasilia
(GMT-02:00)	Mid-Atlantic
(GMT-01:00)	Capo Verde Is.
(GMT-01:00)	Azores
(GMT-00:00)	Greenwich GMT; Dublin, Edinburgh, Lisbon, London
(GMT-00:00)	Casablanca, Monrovia
(GMT+01:00)	Beograd, Bratislava, Budapest, Ljubljana, Prague
(GMT+01:00)	Brussels, Copenhagen, Madrid, Paris
(GMT+01:00)	Sarajevo, Skopje, Sofia, Vilnius, Warsaw, Zagreb
(GMT+01:00)	Midwest Africa
(GMT+01:00)	Amsterdam, Berlin, Bern, Rome, Stockholm, Vienna
(GMT+02:00)	Bucharest
(GMT+02:00)	Athens, Istanbul, Minsk
(GMT+02:00)	Jerusalem
(GMT+02:00)	Cairo
(GMT+02:00)	Harare, Pretoria

Time Zone	Region
(GMT+02:00)	Helsinki, Riga, Tallinn
(GMT+03:00)	Nairobi
(GMT+03:00)	Moscow, Saint Petersburg, Volgograd
(GMT+03:00)	Baghdad
(GMT+03:00)	Kuwait, Raid
(GMT+03:30)	Tehran
(GMT+04:00)	Baku, Tbilisi, Ere van
(GMT+04:00)	Abu Dhabi, Muscat
(GMT+04:30)	Kabul
(GMT+05:00)	Yekaterinburg
(GMT+05:00)	Islamabad, Karachi, Tashkent
(GMT+05:30)	Calcutta, Chennai, Mumbai, New Delhi
(GMT+05:45)	Katmandu
(GMT+06:00)	Sri Jayewardenepura Kotte
(GMT+06:00)	Astana, Dakar
(GMT+08:00)	Irkutsk, Ulan Bator
(GMT+08:00)	Kuala Lumpur, Singapore
(GMT+08:00)	Taipei
(GMT+08:00)	Perth
(GMT+09:00)	Seoul
(GMT+09:00)	Yakutsk
(GMT+09:00)	Osaka, Sapporo, Tokyo
(GMT+09:30)	Darwin
(GMT+09:30)	Adelaide
(GMT+10:00)	Guam, Port Moresby
(GMT+10:00)	Brisbane
(GMT+10:00)	Vladivostok
(GMT+10:00)	Canberra, Melbourne, Sydney
(GMT+10:00)	Hobart
(GMT+11:00)	Magadan, Solomon Is., New Caledonia
(GMT+12:00)	Auckland, Wellington
(GMT+12:00)	Fiji, Kamchatka Pen., Marshall Is.
(GMT+13:00)	Nuku'alofa

Local Time: Set the system time manually.

NOTE: If the **NTP Server** and **Local Time** have been set, the NTP Server will be the first priority (the ProPLAY HD is already connected to the network).

Download Time: Set the FTP auto-download time.

- **Local HTTP Server:** Enable/ Disable the HTTP command function.
- **Local HTTP Server Setup:** To set the "Port", "User ID" and "Password" of the ProPLAY HD. (The Default Port: 80, User ID: root, Password: admin)

NOTE: Press the **"SETUP"** button on the remote control to save the settings, and it will auto exit the settings screen, then restart the ProPLAY HD.

4.2 Video Setup

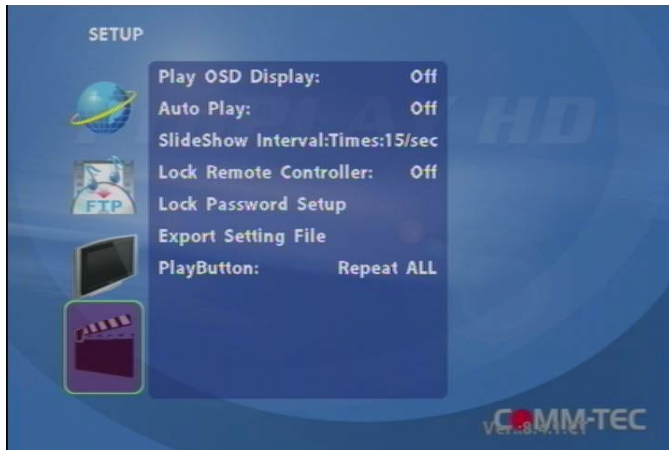


- **TV Standard:** Select the output TV video format (NTSC / PAL).
- **NTSC Active Output:** Select the output mode. (HDMI/ SD Video/ VGA/ HD Y.Pb.Pr)

You can also press directly the “TV MODE” button on the remote control to select output mode.

- **Aspect-ratio:** Select TV mode 4:3 or 16:9.
- **HDMI:** Select the HDMI output resolution among 480i / 480p/ 720p / 1080i/ 1080p.
Select the “Auto EDID”, the ProPLAY HD will scan the display device connected and set the correct resolution automatically.
- **SD Video:** Select the SD output mode. (“Video/ S-Video” or “Y.Cb.Cr”)
- **VGA 60Hz:** Select the VGA output resolution.
(640*480 / 800*600/ 1024*768/ 1280*1024/ 1360*768)
- **HD Y.Pb.Pr 60Hz:** Select the Y.Pb.Pr output resolution among 480p / 720p / 1080i.

4.4 Other Setup



- **Play OSD Display:** Enable or disable the OSD display.
- **Auto Play**
 - **Movies:** Auto play movie files on the CF card after power on.
 - **Pictures:** Auto play picture files on the CF card after power on. (slideshow function)
 - **Off:** Turn off the Auto Play function.
- **SlideShow Interval:** Set the time each photo is shown to 10, 15, 30 or 60 seconds.
- **Speakers Out:** Supports 2 channel amplifier output.
- **Lock Remote Controller:** Enable/ disable the auto key lock function. (The ProPLAY HD will auto lock when there is no further input for 1 minute.)
- **Lock Password Setup:** Press the “Enter” button to open the “Set Password” window. Enter the password with numeric buttons and press the “Enter” button to save the new password (The default password: 123).



- **Export Setting File:** Press the “Enter” button to export the configuration value to the CF card.



- Copy the file “HDPlayerSetting.txt” on CF card to your PC. Use the “Wordpad” to open the file, and you can see all the configuration value of ProPLAY HD.
- You can modify directly the configuration value on your PC.

Example. [AutoPlay] Off Options: Movies, Pictures, Off

The “Auto Play” function is turned off, you can change directly the mode to Movies or Pictures.

```
[TVStandard] NTSC Options:NTSC,PAL
[AspectRatio] TV_16_9 Options:TV_4_3LETTERBOX
[AutoPlay] Off Options:Movies,Pictures,Off
[PlayButton] All Options:All,Default
```



```
[TVStandard] NTSC Options:NTSC,PAL
[AspectRatio] TV_16_9 Options:TV_4_3LETTERBOX
[AutoPlay] Movies Options:Movies,Pictures,Off
[PlayButton] All Options:All,Default
```

- Copy the completed file “HDPlayerSetting.txt” from PC to CF card. Insert the CF card to the ProPLAY HD, the ProPLAY HD will apply the new settings automatically.

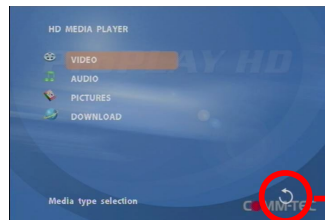
5. Operation

5.1 Play media files on the CF-Card

Step 1: Insert the CF card with media files (picture, music, movie), then turn on the ProPLAY HD and press the “ENTER” button on the remote control when “mnt/CF” is highlighted to take you into the CF card.



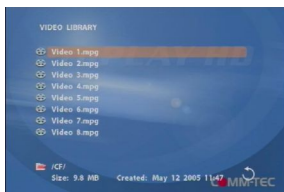
Step 2: Select the type of data (VIDEO/ AUDIO/ PICTURES) you want to play, and then press the “ENTER” button on remote control to take you into the “VIDEO LIBRARY”, “AUDIO LIBRARY” or “PICTURE LIBRARY”.



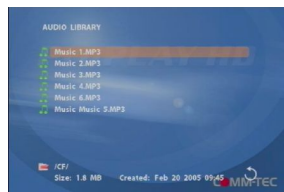
RETURN

PS. If the symbol  (return) appears on the screen, you can use “RETURN” button of the remote control to go back one layer.

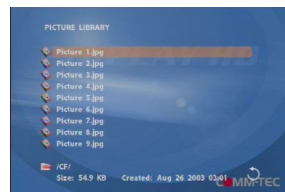
Step 3: Select the file you want to play, and press “ENTER” or “PLAY” button on the remote control to play the file.



VIDEO LIBRARY



AUDIO LIBRARY



PICTURE LIBRARY

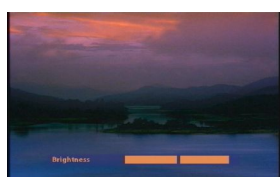
5.1.1 Using the Remote Control When Media File Is Playing

- **SETUP:** Press the button to adjust the brightness, contrast or saturation while the movie or picture is playing. With the “+ VOLUME –” button.

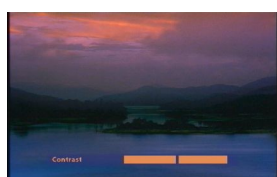
- First Press: **Adjust the brightness.**

- Second Press: **Adjust the contrast.**

- Third Press: **Adjust the saturation.**



Brightness

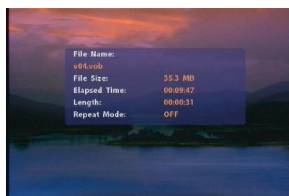


Contrast



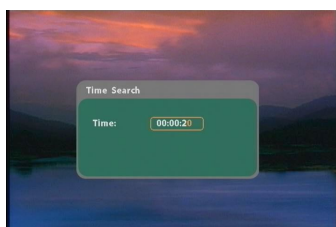
Saturation

- **MUTE:** Mute the sound while the movie or music is playing.
- **+/- VOLUME -:** Increase/ decrease the volume while the **movie** or **music** is playing.
- **SHUFFLE:** Turn on/ off the shuffle function.
- **PREV / NEXT:** Play the previous/ next file.
- **REPEAT:** Select the repeat mode.
- **REV / FWD:** Rewind/ forward movie or music file.
- **STOP:** Stop playing, and go back one layer.
- **INFO:** Display the file information.



File Information

- **SEARCH:** Search video (movie) timeframe
Press the “SEARCH” button, and enter the initial time that you want to start at, then press the “ENTER” button to play.



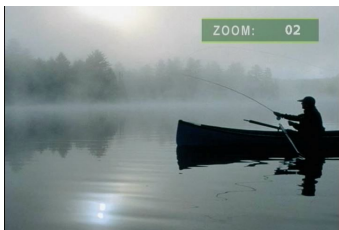
- **PAUSE/STEP:** Pause the playback or play frame by frame.
- **ZOOM:** Zoom in/ out on the movie or picture.



Original Size



First Press ZOOM 01



Second Press ZOOM 02



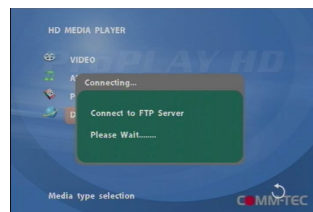
Third Press ZOOM 03

5.2 Download Function

Before it downloading files from the FTP server, ProPLAY HD will delete all contents on CF card except the file on the CF card and the FTP server are the same.

5.2.1 Manual Download Function

- Please confirm that the ProPLAY HD is already connected to the network. (Refer to 7.1 Network Setup)
- Please use the “▼” button to select the “DOWNLOAD” item, and press “ENTER” button. The ProPLAY HD will connect to the FTP server and download files automatically.
- Before download files, ProPLAY HD will delete all contents on CF card first.



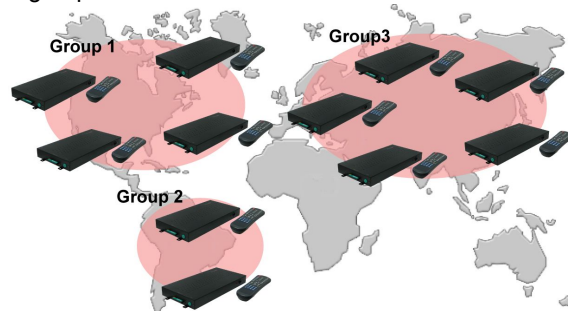
- The pop-up window that shows the status of download and the screen saver will appear while the ProPLAY HD is downloading files. After finishing downloading files, the ProPLAY HD will display the files automatically.



Screen Saver

5.2.2 Auto Download Function

- If there are more than one ProPLAY HD is, you can use ftp tools to divide them into different regional group.



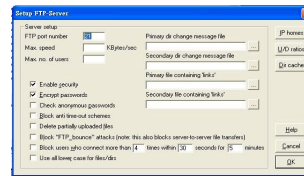
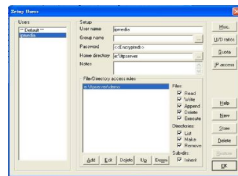
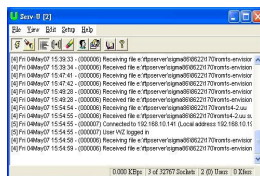
For example.

- Use the ftp tool “**Serv-U**” to divide into three groups, and setup the “User name”, “Password” and “FTP port number” of three groups for login ftp server.

Group 1: User name: ipmedia/ Password: 0000/ FTP port number: 21

Group 2: User name: ipmedia2/ Password: 1111/ FTP port number: 21

Group 3: User name: ipmedia3/ Password: 2222/ FTP port number: 21



FTP tool Serv-U

Setup “User name”, “Password” and “FTP port number”

- Enter the “**Remote FTP Download Setup**” window of ProPLAY HD, and then type the same “User name (User ID)”, “Password” and “Port”. The ProPLAY HD in group 1, please type the “User ID: ipmedia”, “Password: 0000” and “Port: 21”.



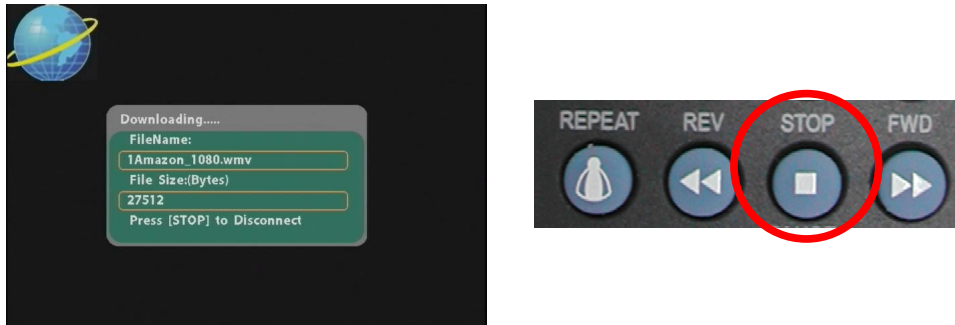
- Please enter the “**Network Timer NTP**” window of ProPLAY HD, and set up the “**Download Time**”, then the ProPLAY HD will download all the files from the FTP server at the designated time.



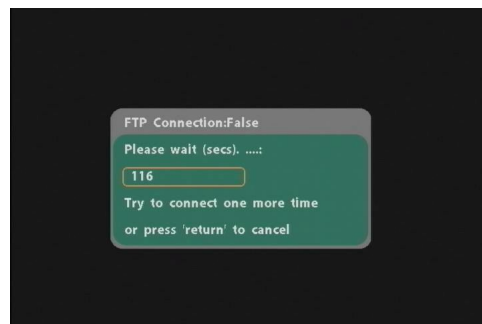
NOTE: The filename of the media files in FTP server cannot have any spaces.

5.2.3 Download Pause / Resume

ProPLAY HD supports download pause/resume. You can press the “STOP” button to pause downloading media files. The ProPLAY HD can continue unfinished downloads upon next session.



NOTE If the network connection is unstable or broken, a pop-up window will appear as shown below. The ProPLAY HD will attempt to resume downloading in 2 minutes. The user can terminate the download by pressing the “RETURN” button.



5.3 Play the media files on the PC

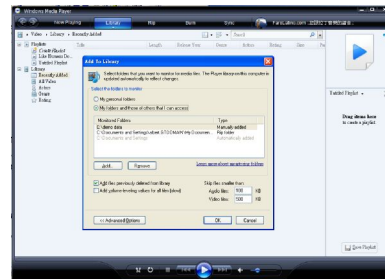
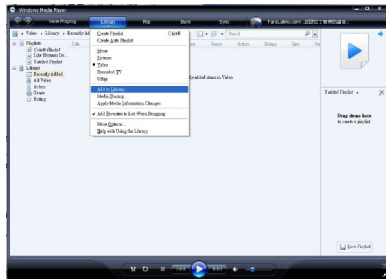
■ Using Windows Media Player Version 11 (Windows XP/ Vista only)

Step 1: Please download and install Windows Media Player Version 11 on your PC first.

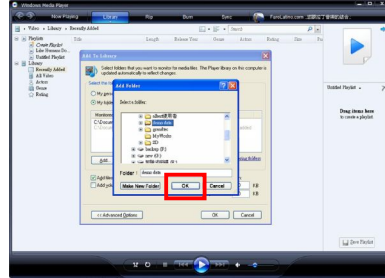
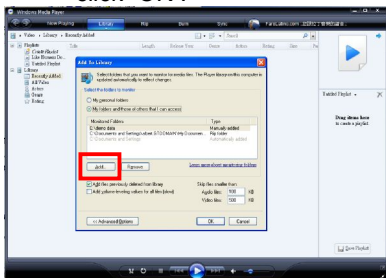
Step 2: Launch the Windows Media Player Version 11 and the window below will appear.



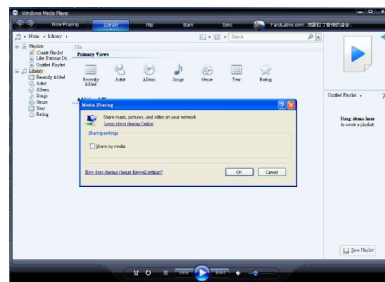
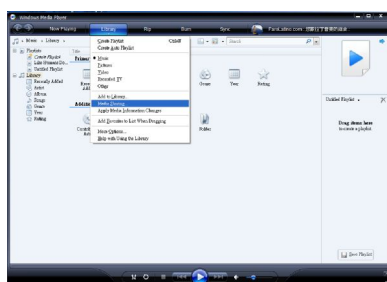
Step 3: Click the "Library" tab, and then click "Add to Library".



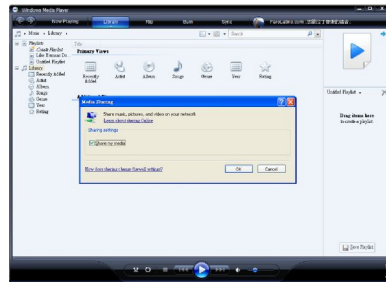
Step 4: Click "Add" and select the folder containing the media files you want to share, then click "OK".



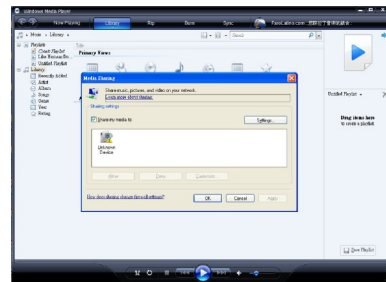
Step 5: Click the "Library" tab, and then click "Media Sharing".



Step 6: Select the “Share my media”, and click “OK”.

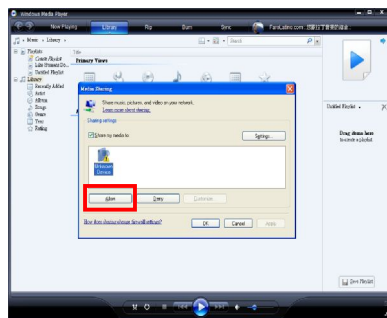


Step 7: In the Media Sharing dialog box, select the “Share my media” check box.



Step 8: Confirm that the ProPLAY HD is connected to the network.

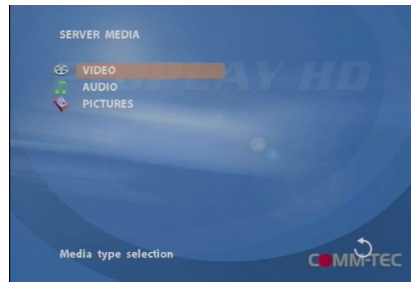
In the list of devices below the “Share my media to” check box, select the device, and click “Allow” to share the media files.



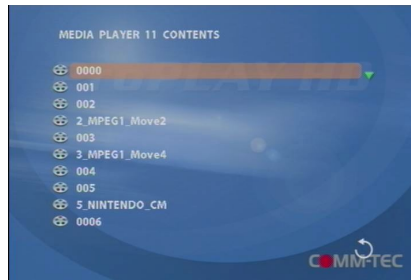
Step 9: The shared folder will appear on the screen of the ProPLAY HD. Select the folder and click the “ENTER” button on remote control to go into the folder.



Step 10: Select the type of data (VIDEO/ AUDIO/ PICTURES) you want to play, and then press the “ENTER” button on remote control.



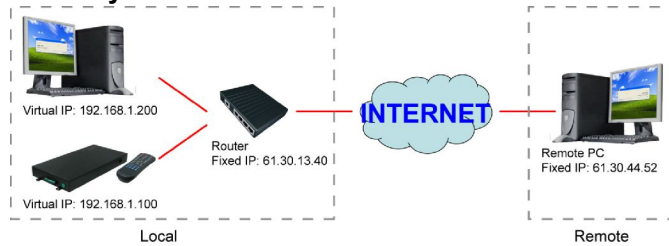
Step 11: Select the file you want to play, and press “ENTER” or “PLAY” button on the remote control to play the file.



NOTE: If the media files shared from PC are not listed on screen, restart your PC.

5.4 Download / Upload Media Files

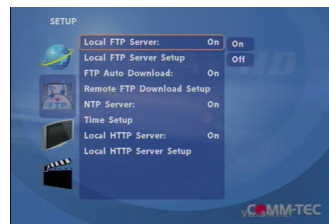
Method 1: Connect by IE Browser



Step 1: Confirm the “IP Assigned by DHCP” has been disabled, then enter the “ProPLAY HD Network Setup” item, and type IP Address (example. 192.168.1.100), Mask and Gateway for the ProPLAY HD (refer to 7.1).

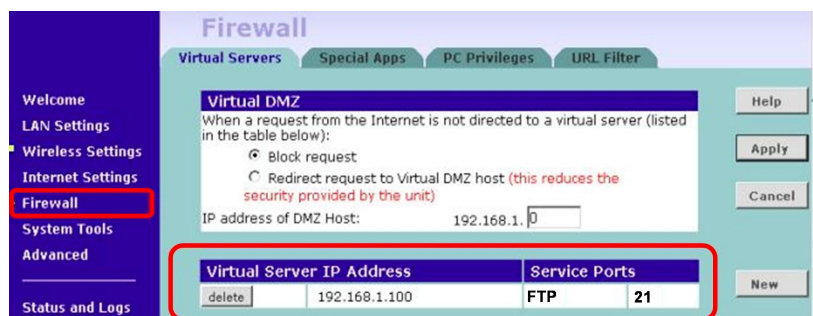


Step 2: Confirm the “Local FTP Server” function has been enabled (refer to 7.1).



Step 3: Please setup your router or firewall, and open a port 21 for the ProPLAY HD.

The following figure is an example, please refer to your user’s manual of router for opening ports.



Step 4: Start IE on PC and type the FTP site or IP

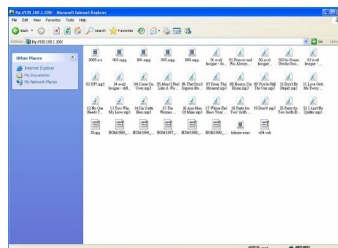
In the local PC, please type “<ftp://192.168.1.100>”.

In the remote PC, please type “<ftp://61.30.13.40:21>”.

Step 5: Then type the “User Name” and “Password” and click “Log On” to log on to the ProPLAY HD Server. (Default User Name: root Default Password: admin)



Step 6: After logging on, all the media files in the CF card on the ProPLAY HD will be listed. You can download and upload the media files between CF card and your PC.

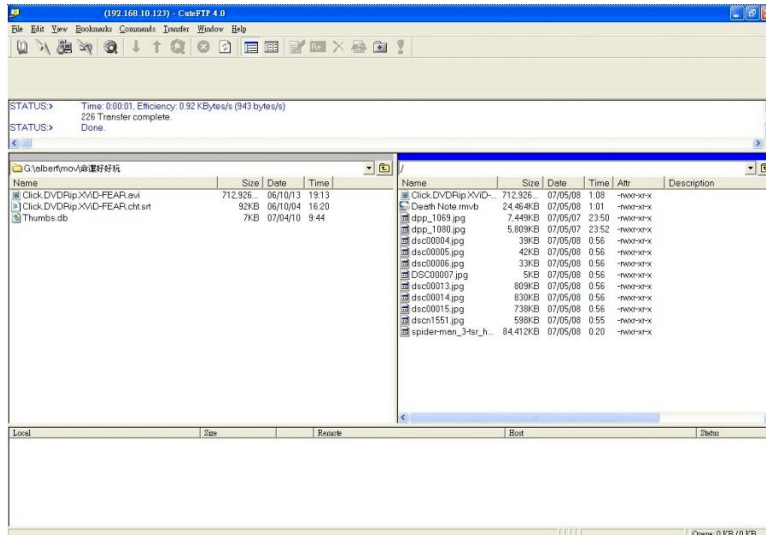


NOTE: After file being download/ upload will stop playing. After downloading files, the ProPLAY HD will display the movie files automatically.

Method 2: Connect by FTP Tools

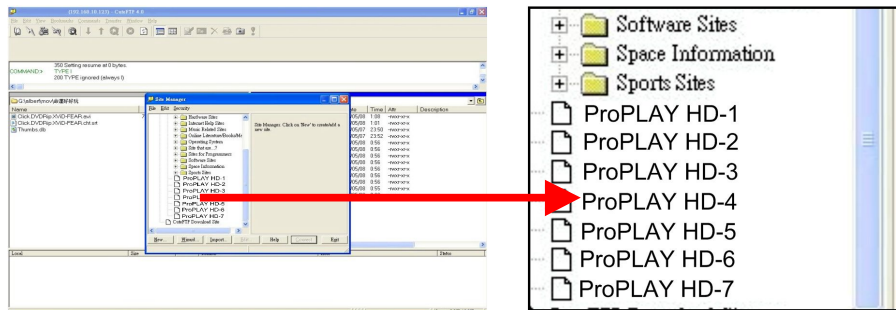
For example:

- If there are multiple ProPLAY HD, you can use the “**CuteFTP**” tool to connect and manage files easily.

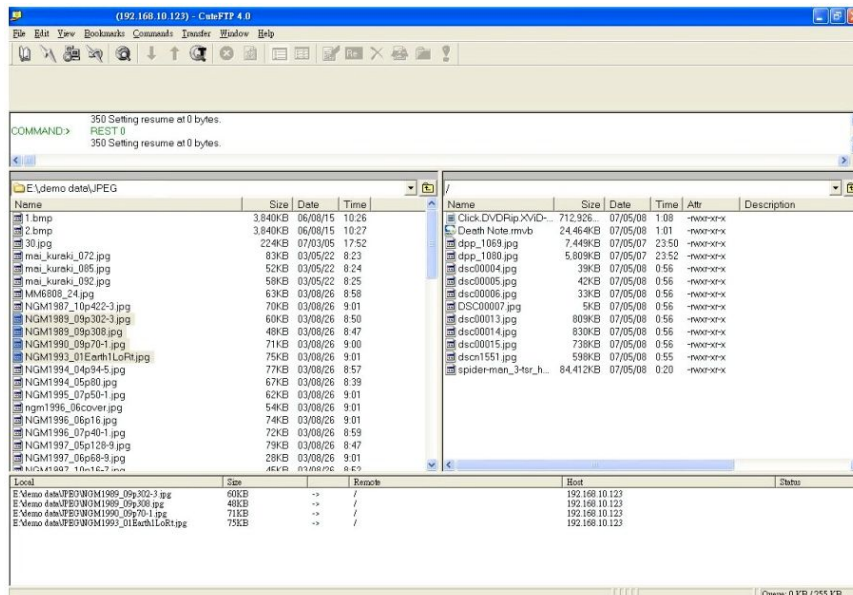


CuteFTP

- You can create all the ProPLAY HD, and only select the ProPLAY HD that you want to connect in the list.



- Select the files you want upload to the ProPLAY HD, or download the files to your PC.



NOTE: After file being download/ upload will stop playing. After downloading files, the ProPLAY HD will display the movie files automatically.

5.5 RS-232 Function (RS-232 cable is optional)

Use the tool “Hyper Terminal” or other tools to control the ProPLAY HD with ASCII command.

NOTE. 1.Baud Rates:

- Firmware Updating: Set up the baud rate to 115200, 8,n,1.
- ASCII Command: The available baud rates is 38400, 8,n,1.
- Commands end with a Carriage return (Hex 0D)
- Use a Null-Modem cable (Crossover, female-female)

2. The reaction time of ProPLAY HD is around three seconds.



■ Keyboard Layout

q: POWER	-: VOL -	w: SLOW
R: RETURN	*: MUTE	>: NEXT
!: REPEAT	S: SELECT	<: PREW
~: SETUP	A: Auto Download	u: UP
#: TV MODE	p: PLAY	d: DOWN
%: AutoPlay	P: PAUSE/STEP	l: LEFT
i: INFO	x: STOP	r: RIGHT
m: NTSC/PAL	f: FFW	s: ENTER
\$: SEARCH	b: REW	C: CLEAR
+: VOL +	(XXXXX.XXX): Play The File (xxxxx.xxx is the file name) NOTE: Must include the round brackets.	

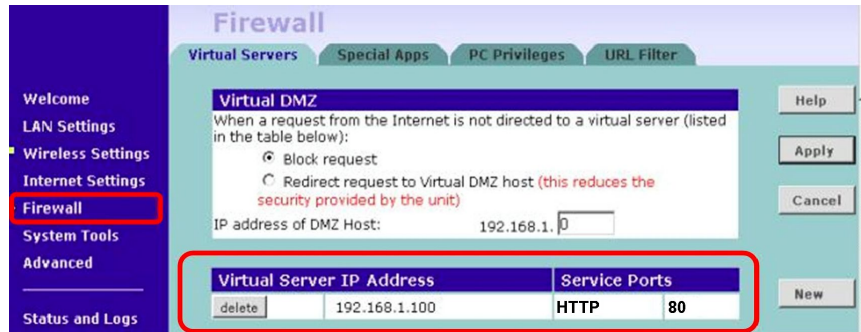
[number]:
Action 1: Play the file by index (numbers < upper case letters < lowercase letter).
Action 2: Control the play button to execute the action (the file “playlist.ini” must be on the CF card).

■ Pin Assignment

D Sub 9Pin Female	D Sub 9Pin Female
Pin 1	Pin 4
Pin 2	Pin 3
Pin 3	Pin 2
Pin 4	Pin 1
Pin 5	Pin 5
Pin 6	Pin 6
Pin 7	Pin 8
Pin 8	Pin 7
Pin 9	Pin 9

6. HTTP Command Function

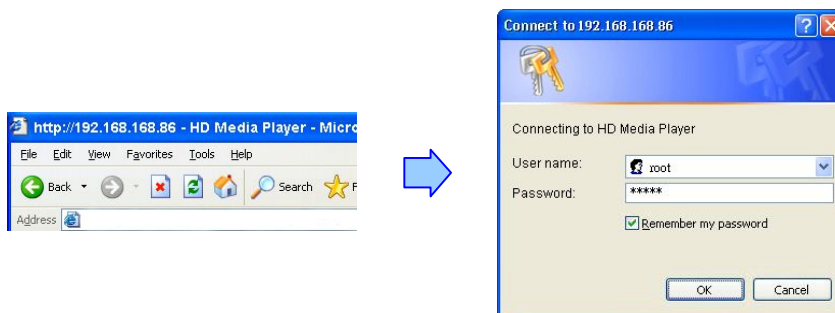
- Confirm that the ProPLAY HD is already connected to the network. (Refer to 7.1)
- Confirm the “Local HTTP Server” function has been enabled, and the “Local HTTP Server Setup” set has been completed (refer to 7.2).
- Set your router or firewall, and open a port 80 for the ProPLAY HD. The following figure is an example, please refer to your user's manual of router for opening ports.



- Start IE on PC and type the HTTP site or IP
In the local PC, please type “<http://192.168.1.100>”.

In the remote PC, please type “<http://61.30.13.40:80>”.

- Type the “User Name”, “Password” and click “OK” to log on. (Default User Name: root
Default Password: admin)



- There are three items: “Player Control”, “Network Setup” and “Timer Setup” in the window.

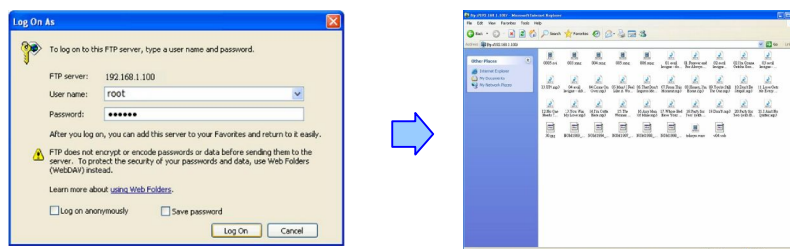


6.1 Player Control

Player Control	
Radio Control	☐ 01 ☐ 02 ☐ 03 ☐ 04 ☐ 05 ☐ 06 ☐ 07 ☐ 08 ☐ 09 ☐ 0A ☐ 0B ☐ 0C ☐ 0D ☐ 0E ☐ 0F ☐ 10 ☐ 11 ☐ 12 ☐ 13 ☐ 14 ☐ 15 ☐ 16 What to send the command Help
Power On	Power On Turn On/Off the Video Output Help
Device Mode	25 ☐ Playback Automatically (Enable) ☐ Playback Manually (Enable) ☐ Display and Refresh the State of Media Player Help
Program Control	☐ PLAY ☐ STOP ☐ PAUSE/STEP ☐ PREV ☐ NEXT ☐ EJECT ☐ EJECT ☐ EJECT ☐ EJECT What to send the command Help
Play File	File Name What to play the file Help
Repeat On	☐ Repeat All ☐ Repeat Track ☐ Repeat Off What to send the command Help
Randomized	 Randomized Randomly Help
Stop Randomized	 Stop Randomized Randomly Help
Connect IP Server	FTP Server Address http://192.168.1.105/
Volume Control	0 0-255 What to send the command Help
Auto Play	☐ Monitor ☐ Refresh ☐ Off What to start the action Help
External Option	 Help

- **Button Control:** Directly control the play button to execute the action (the file “playlist.ini” must be on the CF card).
- **Power State:** Turn on/ off the ProPLAY HD.
- **Check State:** Check the current state of ProPLAY HD.
- **Playback Control:** Control the ProPLAY HD to play file/ stop playback/ pause the playback/ play the previous file/ play the next file/ rewind movie/ forward movie.
- **Play File:** Enter the file name that you want play, and click “Send” to play the file immediately.
- **Repeat File:** Select the repeat mode.
- **Auto Download:** Click “Send” to execute the auto download function immediately.
Note: The “FTP Auto Download” function must be turned on and completed set.
- **Stop Auto Download:** Click “Send” to stop the auto download function immediately.

- **Connect FTP Server:** Click the FTP server address to connect to the ProPLAY HD, and enter the user name and password (**Default User Name:** root, **Default Password:** admin) to log on. After logging on all the media files in the CF card on the ProPLAY HD will be listed. You can download and upload the media files between CF card and your PC.



- **Volume Control:** Enter the value for volume (0-30).
- **Auto Play:** Select the auto play mode (movies/ pictures/ off).
- **Reboot System:** Click "Send" to reboot the ProPLAY HD immediately.

6.2 Network Setup

Player Control	Network Setup	Timer Setup
Network Interface	☐ Disable ☒ RJ45	Wait to store setting ,then please reboot Send
DHCP	☒ Enable ☐ Disable	Wait to store setting ,then please reboot Send
IP Address	IP: 192.168.1.100 Mask: 255.255.255.0 Gateway: 192.168.1.1 DNS: 168.95.1.1 Info:	Wait to store setting ,then please reboot Send
FTP Server	FTP Server: ☒ Enable ☐ Disable UserID: root Password: ***** Port: 21 Info:	Wait to store setting ,then please reboot Send
HTTP Server	HTTP Server: ☒ Enable ☐ Disable UserID: root Password: ***** Port: 80 Info:	Wait to store setting ,then please reboot Send
MediaPlayer11	☒ Enable ☐ Disable	Send
Reboot System	Send	

- **Network Interface:** Select your network connection Disable/ RJ45
- **DHCP:** Enable/ Disable the DHCP function.
- **IP Address:** Enter the fixed IP address, Mask, Gateway and DNS for the ProPLAY HD.
- **FTP Server:** Enable/ Disable the FTP Server function. You can also change the User ID, Password and port of the FTP Server.
- **HTTP Server:** Enable/ Disable the HTTP Server function. You can also change the User ID, Password and port of the HTTP Server.
- **Media Player 11:** Enable/ disable the Media Player 11 server.
- **Reboot System:** After setting, click “**Send**” to reboot the ProPLAY HD.

6.3 Timer Setup

Player Control		Network Setup		Timer Setup	
NTP Timer	NTPServer	204.152.184.72			
	Time Zone: GMT:	+8 :00			
	Info:	Wait to store setting, then please reboot Send			
AutoDownload	Download On Time	☒ Enable ☐ Disable			
	DownloadTime	20 :00 :00			
	Save the setting	Send			
Remote FTP	Remote FTP IP Address	ftp.test.com.tw			
	Remote FTP UserID	ipmedia			
	Remote FTP Password	*****			
	Remote FTP Port	21			
	Remote FTP Path	demo			
	Info:	Wait to store setting, then please reboot Send			
Reboot System	Send				

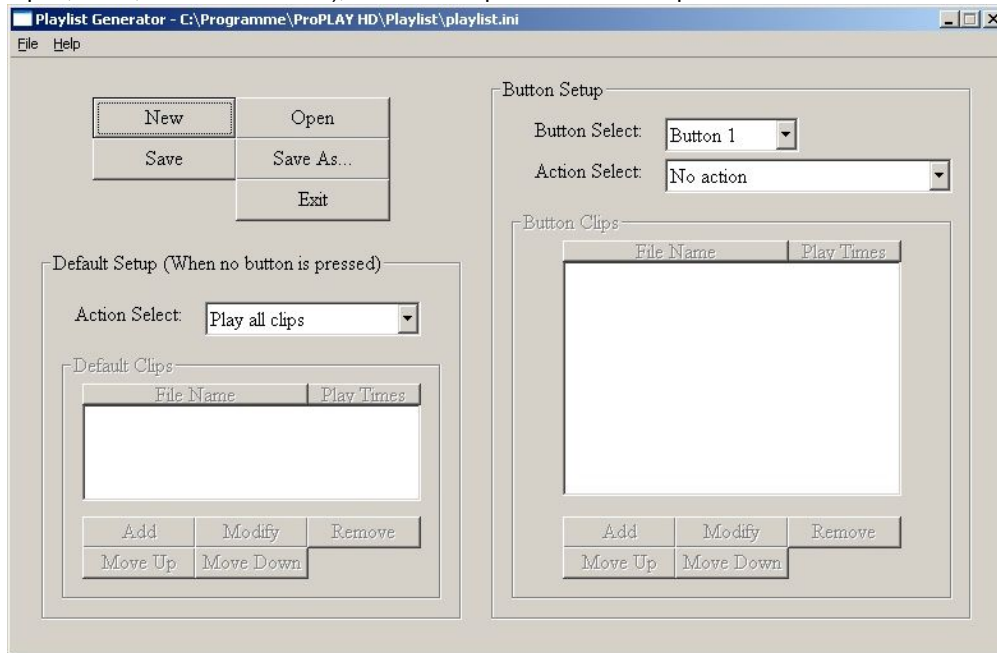
- **NTP Server:** Set the NTP Server.
- **Auto Download:** Set the auto download time.
- **Remote FTP:** Set the Remote FTP Server.
- **Reboot System:** After setting, click “**Send**” to reboot the ProPLAY HD.

7. Using the Play Buttons

Important: To use the Button control, you must set the ProPLAY HD to "Auto Play: Movies"

7.1 Using the Playlist Software

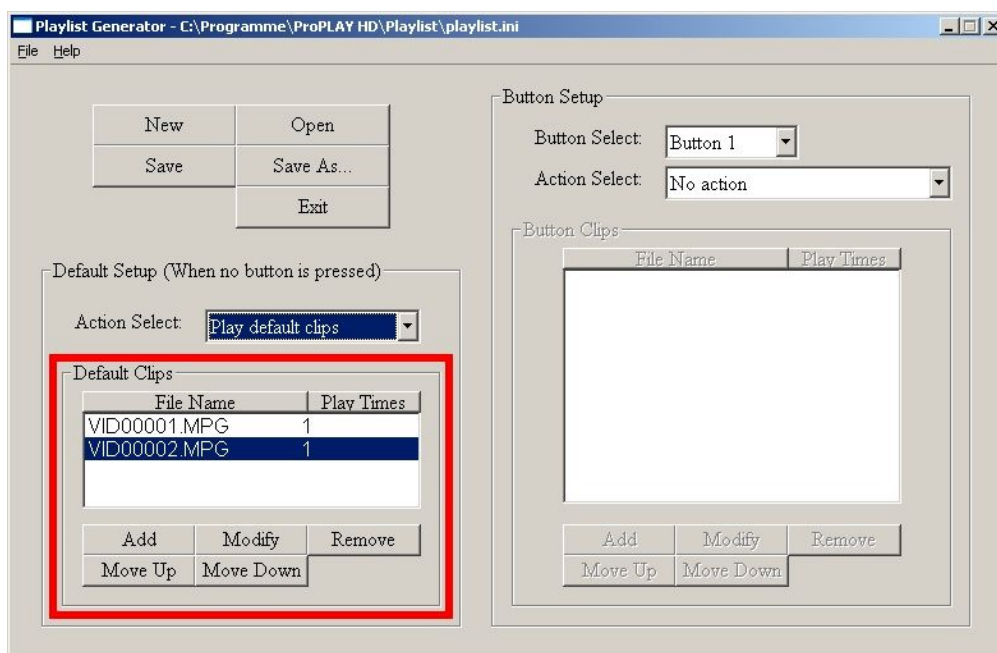
Double click the "playlist.exe" to run the program. It is consisted five control buttons (New, Open, Save, Save As and Exit), Default Setup and Button Setup.



7.1.1 Default Setup

Action Select: Select the action when no button is pressed.

- **Play all clips:** Play all the video files on the CF card automatically.
- **Play default clips:** Only play the default files (please set the default files in the **Default Clips** box).



- **Show logo:** Display the picture file named “**act_logo.jpg**” (you have to put the picture file (JPG format) named “act_logo” on CF card). If the **Show logo** function is selected, but the “**act_logo.jpg**” file is not on the CF card, the ProPLAY HD will play the original background.
- **Show black screen:** Display black screen.

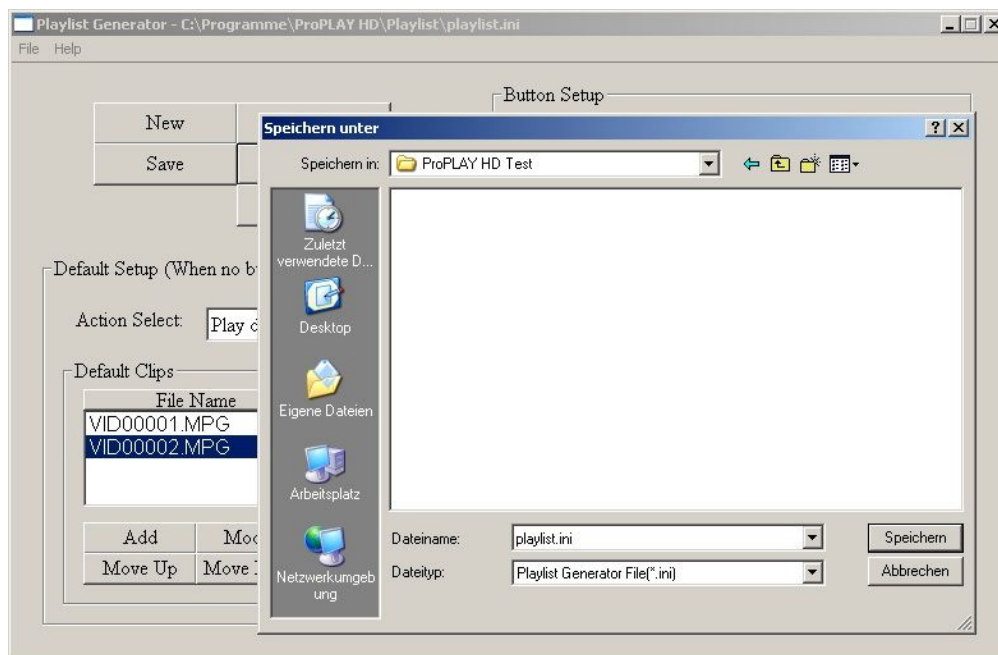
7.1.2 Button Setup

- **Button Select:** Select the play button (1~16).
- **Action Select:** Set the action of the selected button from a drop down list.

7.2 Using the Play Buttons

Step 1: After finishing all setup, press the “SAVE” button, and a pop-up window will appear. Select the path, then click the “SAVE” button to save.

NOTE: Do not rename the file (playlist.ini); otherwise the ProPLAY HD will not be able to read the file.

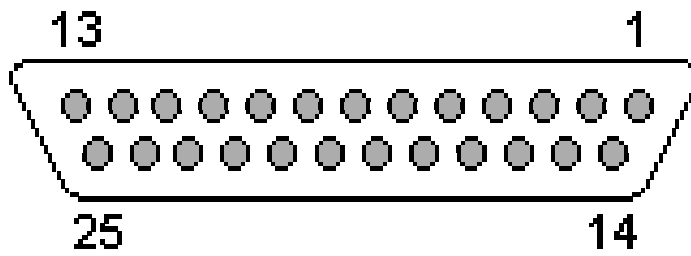


Step 2: Put the “playlist.ini” file and the associated video files on the CF card, and insert the CF card to the ProPLAY HD.

Step 3: Confirm that the play buttons is connected to the ProPLAY HD.

Step 4: Directly press one of the play buttons to control the ProPLAY HD.

7.3 Pin-Assignment Sub-D 25 Connector



Pin No.	Description
1-16	Input 1-16
17-20	GND for Inputs
21	N/C
22	+12V
23	+12
24	GND
25	GND

8. CGI-Commands

Function		Command	Comment
Power State		/SetCGI?Power=On	Power On
		/SetCGI?Power=Off	Power Off
Playback Control	Play	/SetCGI?Playback=1	
	Stop	/SetCGI?Playback=2	
	Pause/Step	/SetCGI?Playback=3	
	Prev	/SetCGI?Playback=4	
	Next	/SetCGI?Playback=5	
	Rew	/SetCGI?Playback=6	
	Fwd	/SetCGI?Playback=7	
Play File	Input file name	/SetCGI?PlayFile=01_4.mpg	01_4.mpg is file name.
Repeat File	Repeat All	/SetCGI?Repeat=1	
	Repeat Track	/SetCGI?Repeat=2	
	Repeat Off	/SetCGI?Repeat=3	
AutoDownload		/SetCGI?AutoDownloadNow=1	
Stop AutoDownload		/SetCGI?StopAutoDownloadNow=1	
Volume Control		/SetCGI?Volume=num	num=0~28
Auto Play	Movies	/SetCGI?AutoPlay=1	
	Pictures	/SetCGI?AutoPlay=2	
	Off	/SetCGI?AutoPlay=3	
Network Interface	Disable	/SetCGI?Network=1	need to reboot
	RJ45	/SetCGI?Network=2	
	WiFi	/SetCGI?Network=3	
DHCP	Enable	/SetCGI?DHCP=1	need to reboot
	Disable	/SetCGI?DHCP=2	

IP Address		/SetCGI?IP=192.168.168.100&Mask=255.255.255.0&Gateway=192.168.168.254&DNS=168.95.1.1	need to reboot
FTP Server		/SetCGI?FTPServer=value&FTPServerID=id&FTPServerPW=pw&FTPServerPort=port	value= 1(Enable) / 2(Disable); need to reboot
			id is your id of CF card ftp
			pw is your pw of CF card ftp
			port is your port number of CF card ftp
HTTP Server		/SetCGI?HTTPServer=value&HTTPServerID=id&HTTPServerPW=pw&HTTPServerPort=port	value= 1(Enable) / 2(Disable); need to reboot
			id is your id of http server
			pw is your pw of http server
			port is your port number of http server
Media Player 11		/SetCGI?MediaPlayer11=value	value= 1(Enable) / 2(Disable); need to reboot
Wifi EncryptionMode		/SetCGI?EncryptionMode=value	value= 1(Open/None) / 2(WEP); need to reboot
WiFi SSID		/SetCGI?SSID=text&Encryption=pw	SSID need equal router's SSID; need to reboot
NTP Timer		/SetCGI?NTPServer=text1&TimeDiffHr=text2&TimeDiffMin=text3	text1 is a id address of NTP Server; need to reboot
			text2 is a timezone hour, ex:+8
			text3 is a timezone minute, ex:00
AutoDownload		/SetCGI?AutoDownload=value&AutoDownloadTimeHr=text1&AutoDownloadTimeMin=text2&AutoDownloadTimeSec=text3	value= 1(Enable) / 2(Disable); need to reboot
			text1 is a hour, ex:20
			text2 is a minute, ex:00
			text3 is a second, ex:00

Remote FTP		/SetCGI?RemoteFTPI P=ip&RemoteFTPID=i d&RemoteFTPPW=pw &RemoteFTPPort=port &RemoteFTPPath=pat h	ip is your ip address of Remote FTP; need to reboot
			id is your id of Remote FTP
			pw is your password of Remote FTP
			port is your port number of Remote FTP
			path is Remote FTP download path, ex: demo
Reboot System		/SetCGI?Reboot=1	pw need equal router's Encryption

9. Troubleshooting

Situation	Check Point
No Picture	1. Check power cable and power switches. 2. Ensure the video cables are connected between the player and the ProPLAY HD. 3. Press the "TV MODE" button on the remote control to select the correct output mode. 4. Make sure the file format on the CF card is correct. 5. Check if the display device is switched to correct video input source.
No Response From the Remote Control	1. Ensure that there are 2 batteries (AAA size) in the remote control and they are inserted the correctly. 2. Check for any barrier between the remote control and the product.
No setup menu	1. A CF card with a valid video file must be in the ProPLAY HD 2. If a video clip is playing, press first the stop button and than the setup button
No sound	1. Check if the mute function is on. 2. Check if the volume is set properly. 3. Check if audio cable has been connected correctly.
Network Not Working	1. Check your IP settings on the Network Setup page. (refer to 7.1) 2. If using wired network, make sure the network cable is plugged in on both the ProPLAY HD and your network hub.